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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/898,795	07/03/2001	Douglas J. Murray	BAO-0021	1868

7590 08/20/2002

CANTOR COLBURN LLP  
55 Griffin Road South  
Bloomfield, CT 06002

EXAMINER

THOMPSON, KENNETH L

ART UNIT PAPER NUMBER

3679

DATE MAILED: 08/20/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/898,795

Applicant(s)

MURRAY, DOUGLAS J.

Examiner

Kenn Thompson

Art Unit

3679

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 July 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Specification***

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The title should be more specific and should also mention the method.

The following title is suggested: "Multilateral Reference Point Sleeve and Method of Orienting a Tool" or "Whipstock".

### ***Drawings***

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the collet and collet grooves must be shown or the features canceled from the claims. No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Baugh et al., 5,335,737.

Regarding claim 1, Baugh et al. discloses in figures 1-2 a multilateral reference point sleeve. Baugh et al. discloses a tubular member (16) configured to be received in a casing of a wellbore (14). Baugh et al. discloses the tubular member having an uphole end (80) and a downhole end (30,10,34). Baugh et al. discloses the uphole end defines an orientation profile having an orientation slot (18).

As to claim 2, Baugh et al. discloses a surface of the orientation profile is positioned proximate the wellbore casing.

As to claim 3, Baugh et al. discloses the orientation slot extends along a wall of the tubular member from the orientation profile and is configured to receive a pin (102) on a separate tool (100) to orient the separate tool.

As to claim 4, Baugh et al. discloses the tubular member is anchorable within the wellbore (70; col. 3, 55-57).

As to claim 5, Baugh et al. discloses the downhole end of the tubular member is radially expandable (70) to engage an inner surface of the casing.

As to claim 6, Baugh et al. discloses the downhole end (30) has a lesser thickness than the uphole end of the tubular member.

Regarding claim 7, Baugh discloses in figures 1-2 a method for orientating a tool in a wellbore (14). Baugh discloses running a multilateral reference point sleeve (16) into a tubing string in a wellbore. Baugh discloses anchoring (via 70) the multilateral reference point sleeve to an inner surface of the casing. Baugh discloses running the

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tool into the casing. Baugh discloses causing a pin (102) on the tool (100) to engage an orientation profile (18) on the multilateral reference point sleeve. Baugh discloses causing the pin on the tool to engage an orientation slot (center of 18) on the orientation profile.

As to claim 8, Baugh discloses that causing the pin on the tool to engage the orientation profile rotates the tool into a desired orientation (col. 5, lines 24-26).

As to claim 9, Baugh discloses that causing the pin on the tool to engage the orientation slot causes the tool to be retained in position.

As to claim 10, Baugh discloses that orientating includes snapping in a collet (106) on the tool to collet grooves (80 fig 7) on the sleeve.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Williamson et al., U.S. 5,730,224; Singleton, U.S. 6,089,319; Brunet, U.S. 6,209,644 and Brooks et al., U.S. 6,390,198 disclose a similar multilateral reference point sleeve. Cumming et al., U.S. 6,070,671 discloses expanded tubulars.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenn Thompson whose telephone number is 703 306-5760. The examiner can normally be reached on 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H Browne can be reached on 703 308-1159. The fax phone numbers

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for the organization where this application or proceeding is assigned are 703 305-7687 for regular communications and 703 305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308-2168.

KT  
August 13, 2002

  
DAVID BAGNELL  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600